Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Plate Tectonics

Questions for Section 2-4: Plate Motions and Plate Interactions?

1. Be able to define all of the vocabulary words found in your powerpoint. Unless you chose to, you do not have to define them in writing here. I would recommend writing them somewhere at some point.
2. What are the plates doing at divergent plate boundaries? What is the most important result of divergent plate boundaries?
3. How is new oceanic crust formed? Use the term spreading ridge in your answer.
4. Why is the Atlantic Ocean getting bigger? How do we know?
5. How does seafloor spreading help us know that the polarity of the earth has changed over time and when it changes?
6. In what part of the earth is spreading occurring the slowest? In what part of the earth is it occurring the fastest?
7. What is the mid-ocean ridge? Describe it.
8. The mid-ocean ridge has been compared to the seams of a baseball. How does this information impact our understanding of the movement of tectonic plates?